

Semester Pattern: 2023-24

Second Semester

Instructions to submit Second Semester Assignments

1. Following the introduction of semester pattern, it becomes **mandatory for candidates to submit assignment for each course.**
2. Assignment topics for each course will be displayed in the A.U, CDOE website (www.audde.in).
3. Each assignment contains 5 questions and the candidate should answer all the 5 questions. Candidates should submit assignments for each course separately. (5 Questions x 5 Marks =25 marks).
4. Answer for each assignment question should not exceed 4 pages. Use only A4 sheets and write on one side only. **Write your Enrollment number on the top right corner** of all the pages.
5. Add a template / content page and provide details regarding your Name, Enrollment number, Programme name, Code and Assignment topic. Assignments without template / content page will not be accepted.
6. Assignments should be handwritten only. Typed or printed or photocopied assignments will not be accepted.
7. **Send all Second semester assignments in one envelope.** Send your assignments by Registered Post to The Director, Center for Distance and Online Education, Annamalai University, Annamalai Nagar – 608002.
8. Write in bold letters, “**ASSIGNMENTS – SECOND SEMESTER**” along with PROGRAMME NAME on the top of the envelope.
9. Assignments received after the **last date with late fee** will not be evaluated.

Date to Remember

Last date to submit Second semester assignments : **15.04.2024**

Last date with late fee of Rs.300 (three hundred only) : **30.04.2024**

Dr. T. SRINIVASAN
Director

Microbiology Wing **Assignment Topics**

YEAR: I / SEM : II

PROGRAMME: I M.Sc.,Microbiology (Two years)

I. Course Code: 792E1210

Course Title: Genetic Engineering

1. Describe Recombinant vaccines
2. Brief notes on blotting techniques
3. Give a detailed notes on gene transfer methods
4. Explain in detail about basic principle & applications of PCR
5. Write an essay on Viral vectors

II. Course Code: 792E1220

Course Title: Food & Dairy Microbiology

1. Give a brief notes on methods of food preservation
2. Explain about food borne diseases
3. Brief account of contamination, spoilage and preservation of cereals and cereals products
4. Describe about fermented dairy products
5. Give an elaborate notes on factors influencing microbial growth of food

III. Course Code: 792E1230

Course Title: Immunology

1. Explain in detailed about Antigen – Antibody reactions
2. Write a brief notes on Immunoglobulin structure, types, properties and Function.
3. Describe about types of immunity
4. Classify hypersensitivity reactions
5. Brief account of mechanism of antigen processing and presentation

